

CHAPTER FOUR: ENVIRONMENTAL CONSEQUENCES

A. Direct Impacts

A.4.1 Human Environment

- A.4.1.1 Community
- A.4.1.2 Relocations
- A.4.1.3 Community Facilities & Services
 - A.4.1.3.1 Schools
 - A.4.1.3.2 Churches
 - A.4.1.3.3 Parks & Recreational Facilities
 - A.4.1.3.4 Police, Fire & Emergency Services
- A.4.1.3 Environmental Justice
- A.4.1.4 Economic

A.4.2 Land Use and Transportation Planning

- A.4.2.1 Land Use Plans
 - A.4.2.1.1 Existing Land Use & Zoning
 - A.4.2.1.2 Compatibility with Future Land Use Plans
- A.4.2.2 Transportation Plans
 - A.4.2.2.1 Compatibility with Highway Plans
 - A.4.2.2.2 Compatibility with Transit Plans
 - A.4.2.2.3 Compatibility Bicycle/Pedestrian Plans
 - A.4.2.2.4 Compatibility with Other Plans (Port & Air)

A.4.3 Physical Environment

- A.4.3.1 Noise
- A.4.3.2 Air Quality
- A.4.3.3 Farmland
- A.4.3.4 Utility
- A.4.3.5 Visual
- A.4.3.6 Hazardous Materials
- A.4.3.7 Floodplain/Floodway
- A.4.3.8 Protected Lands
 - A.4.3.8.1 Wild and Scenic Rivers
 - A.4.3.8.2 State/National Forests
 - A.4.3.8.3 Gamelands and Preservation Areas

A.4.4 Cultural Resources

- A.4.4.1 Historic Architecture Resources
- A.4.4.2 Archaeological Resources

A.4.5 Natural Environment

- A.4.5.1 Soils/Topographical/Geological
- A.4.5.2 Biotic Community and Wildlife
 - A.4.5.2.1 Terrestrial Community and Wildlife
 - A.4.5.2.2 Aquatic Community and Wildlife
- A.4.5.3 Water Resources
 - A.4.5.3.1 Ground Water
 - A.4.5.3.1.1 Well
 - A.4.5.3.2 Surface Water
 - A.4.5.3.2.1 Stream
 - A.4.5.3.2.2 Pond
- A.4.5.4 Jurisdictional Issues
 - A.4.5.4.1 Wetlands
 - A.4.5.4.2 Buffer Areas
 - A.4.5.4.3 Protected Species
 - A.4.5.4.4 Essential Fish Habitat
 - A.4.5.4.5 Areas of Environmental Concern
 - A.4.5.4.6 Anadromous Fish Habitat
 - A.4.5.4.7 Submerged Aquatic Vegetation

A.4.6 Construction

- A.4.6.1 Energy
- A.4.6.2 Lighting
- A.4.6.3 Visual
- A.4.6.4 Noise
- A.4.6.5 Air
- A.4.6.6 Utilities
- A.4.6.7 Water Quality
- A.4.6.8 Erosion Control
- A.4.6.9 Geodetic Markers
- A.4.6.10 Borrow and Disposal Sites
- A.4.6.11 Traffic Maintenance & Detour Accessibility
- A.4.6.12 Bridge Demolition

A.4.7 Irretrievable & Irreversible Commitment of Resources

A.4.8 Relationship Between Long Term & Short Term Uses/Benefits

B. Indirect and Cumulative Effects

B.4.1 Human Environment

B.4.2 Land Use and Transportation Planning

- B.4.2.1 Land Use
 - B.4.2.2 Compatibility with Transportation Plans
- B.4.3 Physical Environmental
 - B.4.3.1 Noise
 - B.4.3.2 Air Quality
 - B.4.3.3 Protected Lands
 - B.4.3.3.1 Wild and Scenic Rivers
 - B.4.3.3.2 State/National Forests
 - B.4.3.3.3 Gamelands and Preservation Areas.
- B.4.4 Cultural Resources
- B.4.5 Natural Environmental
 - B.4.5.1 Biotic Community and Wildlife
 - B.4.5.1.1 Terrestrial Community and Wildlife
 - B.4.5.1.2 Aquatic Community and Wildlife
 - B.4.5.2 Water Resources
- B.4.6 Jurisdictional Issues
 - B.4.6.1 Streams
 - B.4.6.2 Wetlands
 - B.4.6.3 Protected Species